



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA11019002-004
Harvest/Lot ID: ORFCW103-2110-0033
Batch#: SA5-126C-060321-2
Seed to Sale# ORFCW103-2110-0033
Batch Date: 10/14/21
Sample Size Received: 16 gram
Total Amount: 644 gram
Retail Product Size: 1
Ordered : 10/19/21
Sampled : 10/19/21
Completed: 10/21/21
Sampling Method: SOP.T.20.010

Oct 21, 2021 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filtration PASSED	 Water Activity PASSED	 Moisture NOT TESTED	 Terpenes TESTED

Glass Jar

	Cannabinoid	PASSED
--	--------------------	---------------

	Total THC 0% /Container : 674.33 mg		Total CBD 0% /Container : 1.13 mg		Total Cannabinoids 0% Total Cannabinoids/Container : 770.33 mg
--	---	---	---	---	--

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0.129	1.687	0.623	0	0.203	0.538	24.347	0	0.377	49.129
mg/g	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2338 Weight: 0.0996g Extraction date: 10/19/21 03:10:42 Extracted by: 3057
 Analysis Method : SOP.T.40.031, SOP.T.30.031
 Analytical Batch : GA032790POT
 Instrument Used : GA-HPLC-003 2030C PDA Reviewed On : 10/20/21 12:14:54
 Analyzed Date : 10/20/21 10:12:28 Batch Date : 10/19/21 08:15:04
 Dilution : 400
 Reagent : 060220.R16; 010421.48; 092821.12; 101421.R16; 101421.R18
 Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-035CD-035C; RONB32898; 00310305
 Pipette : N/A

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

Miranda MacDonald
Lab Director



State License # CMTL-0001
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164

Signature
10/21/21



Certificate of Analysis

PASSED

Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US
Telephone: (833) 254-4877
Email: Qualityassurance@libertyhealthsciences.com

Sample : GA11019002-004
Harvest/Lot ID: ORFCW103-2110-0033

Batch# : SA5-126C-060321-2 Sample Size Received : 16 gram
Sampled : 10/19/21 Total Amount : 644 gram
Ordered : 10/19/21 Completed : 10/21/21 Expires: 10/21/22
Sample Method : SOP.T.20.010

Page 2 of 2



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPHENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0.038			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	3.71	0.371	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0.36	0.036	
EUCALYPTOL	0.007	0			GUAJOL	0.007	2.93	0.293	
LINALOOL	0.007	0.298			Analyzed by: 2155 Weight: 1.1057g Extraction date: 10/19/21 12:10:28 Extracted by: 3057				
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : GA032793TER Reviewed On : 10/20/21 12:17:34				
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-005 QP2020NX Batch Date : 10/19/21 08:18:04				
HEXAHYDROTHYMOL	0.007	0			Analyzed Date : 10/19/21 13:36:27				
NEROL	0.007	0			Dilution : 100				
GERANYL ACETATE	0.007	0			Reagent : 091021.R15; 010421.32; 010421.48				
BETA-CARYOPHYLLENE	0.007	1.247			Consumables : 947.271; 470228-424; 9291.271; 200721; 210419634; RONB32898; 00310305				
VALENCENE	0.007	0			Pipette : N/A				
CEDROL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CIS-NEROLIDOL	0.007	0							
FARNESENE	0.007	0.096							
CARYOPHYLLENE OXIDE	0.007	0.081							
ALPHA-BISABOLOL	0.007	0.16							
ALPHA-PINENE	0.007	0							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.123							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.011							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.17							
CAMPHOR	0.013	0							
Total (%)									

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

Miranda MacDonald
Lab Director

State License # CMTL-0001
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164

Signature
10/21/21